

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
 Data File : BF097646.D
 Acq On : 12 Aug 2017 21:27
 Operator : SJ/JU
 Sample : I4631-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-3-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	311	316	330	rBV	88640	228321	8.51%	0.391%
2	4.728	512	517	526	rBV2	160042	317478	11.84%	0.544%
3	4.810	526	531	539	rVV3	72483	171752	6.40%	0.294%
4	4.881	539	543	561	rVB	374709	638990	23.82%	1.095%
5	5.193	591	596	603	rBV5	19638	38296	1.43%	0.066%
6	5.428	632	636	652	rBV	726093	1520322	56.68%	2.606%
7	5.604	662	666	668	rBV	137114	168848	6.30%	0.289%
8	5.628	668	670	675	rVB2	119190	143084	5.33%	0.245%
9	5.722	680	686	691	rBV2	146294	252867	9.43%	0.433%
10	5.769	691	694	698	rVV	108189	154663	5.77%	0.265%
11	5.804	698	700	709	rVB3	60148	94345	3.52%	0.162%
12	6.022	733	737	750	rVB	211779	327259	12.20%	0.561%
13	6.275	770	780	781	rBV4	15825	37673	1.40%	0.065%
14	6.457	803	811	816	rBV	115572	191161	7.13%	0.328%
15	6.598	829	835	839	rBV4	56374	110025	4.10%	0.189%
16	6.663	839	846	852	rVB3	80877	155063	5.78%	0.266%
17	6.763	854	863	868	rBV4	152719	391363	14.59%	0.671%
18	6.816	868	872	875	rBV2	24398	30013	1.12%	0.051%
19	6.892	879	885	891	rBV4	108939	265453	9.90%	0.455%
20	6.951	891	895	901	rVB2	60394	110415	4.12%	0.189%
21	7.010	901	905	908	rBV	60029	74469	2.78%	0.128%
22	7.045	908	911	915	rVB2	33929	51032	1.90%	0.087%
23	7.092	915	919	928	rBV	466502	1153482	43.00%	1.977%
24	7.169	928	932	942	rBV	1733751	2682241	100.00%	4.598%
25	7.310	954	956	961	rVB4	51067	65364	2.44%	0.112%
26	7.416	970	974	977	rBV3	49946	83199	3.10%	0.143%
27	7.504	984	989	995	rBV	578299	962130	35.87%	1.649%
28	7.557	995	998	1001	rVV3	187125	262391	9.78%	0.450%
29	7.598	1001	1005	1010	rVB	412570	520322	19.40%	0.892%
30	7.657	1010	1015	1022	rVB5	75124	183970	6.86%	0.315%
31	7.739	1024	1029	1033	rBV	1781070	2666075	99.40%	4.570%
32	7.775	1033	1035	1038	rVV	268228	308562	11.50%	0.529%
33	7.804	1038	1040	1045	rVV2	102239	150989	5.63%	0.259%
34	7.863	1045	1050	1057	rVV7	127224	261961	9.77%	0.449%

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35	7.928	1057	1061	1065	rVB5	79838	104815	3.91%	0.180%
36	7.969	1066	1068	1071	rBV	29235	29999	1.12%	0.051%
37	8.051	1076	1082	1095	rVB6	369602	925333	34.50%	1.586%
38	8.222	1101	1111	1116	rBV7	116705	330671	12.33%	0.567%
39	8.275	1116	1120	1121	rBV2	145383	148588	5.54%	0.255%
40	8.304	1121	1125	1131	rBV	943105	1555887	58.01%	2.667%
41	8.381	1136	1138	1139	rVV	233689	225831	8.42%	0.387%
42	8.422	1139	1145	1151	rVB2	1264857	2105175	78.49%	3.609%
43	8.534	1160	1164	1166	rBV4	64101	81768	3.05%	0.140%
44	8.569	1166	1170	1173	rBV2	236862	281895	10.51%	0.483%
45	8.610	1174	1177	1181	rVB	179299	224157	8.36%	0.384%
46	8.669	1182	1187	1192	rBV	511811	834963	31.13%	1.431%
47	8.757	1198	1202	1205	rVB	395969	477308	17.80%	0.818%
48	8.798	1205	1209	1212	rBV	310214	331247	12.35%	0.568%
49	8.863	1212	1220	1224	rBV7	103974	263162	9.81%	0.451%
50	8.904	1224	1227	1231	rVB3	126090	179754	6.70%	0.308%
51	8.969	1231	1238	1239	rBV4	110406	222795	8.31%	0.382%
52	9.028	1240	1248	1259	rVB6	540732	1448770	54.01%	2.483%
53	9.128	1260	1265	1268	rBV	928921	1562396	58.25%	2.678%
54	9.222	1278	1281	1284	rBV2	82080	109407	4.08%	0.188%
55	9.286	1284	1292	1299	rVB8	581894	1088708	40.59%	1.866%
56	9.369	1299	1306	1314	rBV3	694167	1836690	68.48%	3.148%
57	9.433	1314	1317	1323	rVB4	284881	419927	15.66%	0.720%
58	9.533	1326	1334	1342	rVV2	961799	2168436	80.84%	3.717%
59	9.633	1346	1351	1356	rVB3	475314	896081	33.41%	1.536%
60	9.739	1365	1369	1374	rBV3	271250	583558	21.76%	1.000%
61	9.898	1393	1396	1398	rBV3	196608	267897	9.99%	0.459%
62	9.981	1409	1410	1412	rVB	162864	58490	2.18%	0.100%
63	10.010	1412	1415	1419	rVB4	481022	624118	23.27%	1.070%
64	10.069	1422	1425	1427	rBV3	160841	227044	8.46%	0.389%
65	10.192	1443	1446	1451	rVB2	403492	619891	23.11%	1.063%
66	10.275	1454	1460	1464	rVV4	782063	1489630	55.54%	2.554%
67	10.316	1465	1467	1473	rVB6	413184	717268	26.74%	1.230%
68	10.369	1473	1476	1477	rBV2	306923	240701	8.97%	0.413%
69	10.545	1501	1506	1509	rBV2	936788	1509415	56.27%	2.587%
70	10.616	1515	1518	1523	rVB6	616870	967796	36.08%	1.659%
71	10.698	1529	1532	1537	rVB	1066828	1287637	48.01%	2.207%

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72	10.822	1549	1553	1554	rBV2	717626	751485	28.02%	1.288%
73	10.851	1555	1558	1562	rVB	1096771	1546168	57.64%	2.650%
74	10.986	1578	1581	1582	rBV2	291143	329969	12.30%	0.566%
75	11.039	1589	1590	1594	rBV3	297097	417442	15.56%	0.716%
76	11.204	1614	1618	1623	rBV4	793795	1412876	52.68%	2.422%
77	11.322	1634	1638	1641	rVB	1570821	2096049	78.15%	3.593%
78	11.427	1653	1656	1659	rBV2	509702	723497	26.97%	1.240%
79	11.610	1683	1687	1696	rBV6	991911	1887737	70.38%	3.236%
80	11.716	1702	1705	1707	rBV	582248	722005	26.92%	1.238%
81	11.851	1723	1728	1731	rVV	1147769	1996309	74.43%	3.422%
82	11.892	1731	1735	1743	rVB	1116380	1930239	71.96%	3.309%
83	12.157	1776	1780	1788	rBV7	752420	1661817	61.96%	2.849%
84	17.139	2623	2627	2635	rVB2	828256	1173992	43.77%	2.012%
85	20.145	3134	3138	3145	rVB	349995	465493	17.35%	0.798%

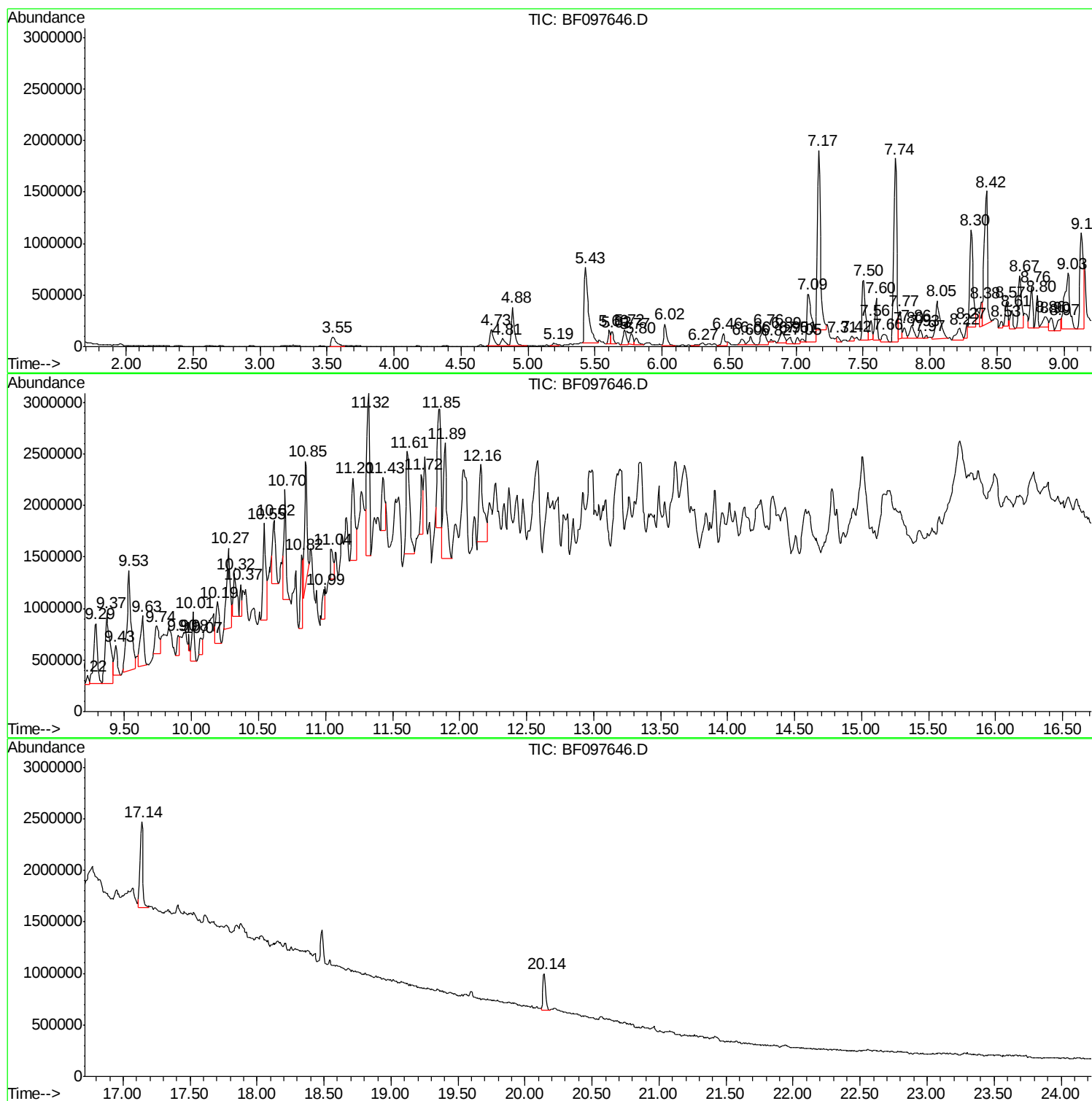
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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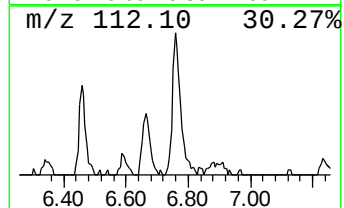
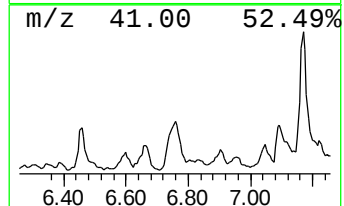
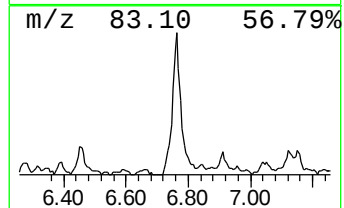
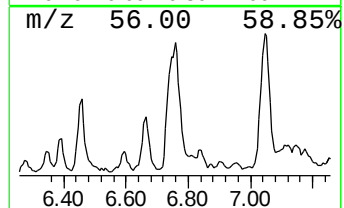
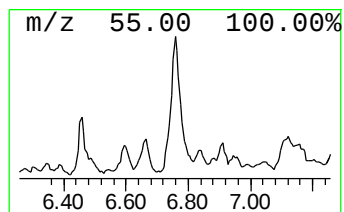
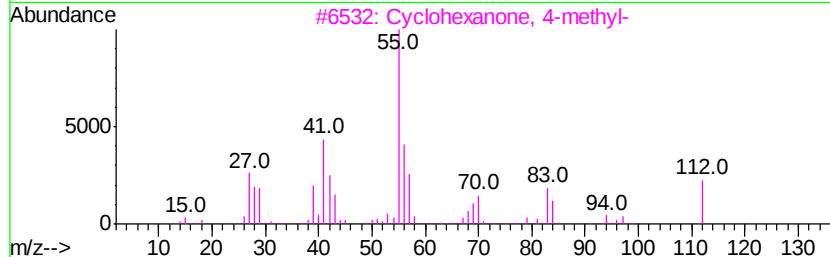
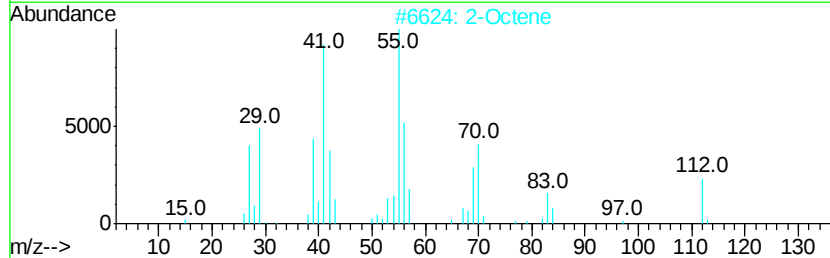
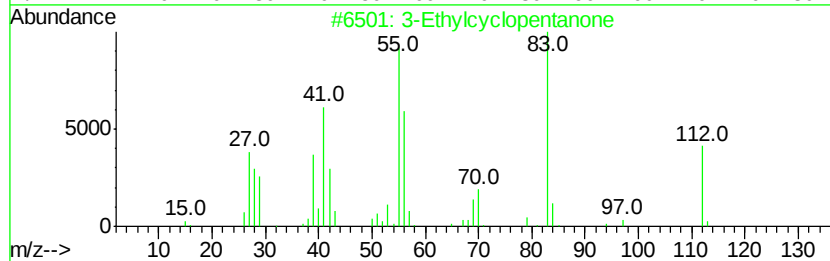
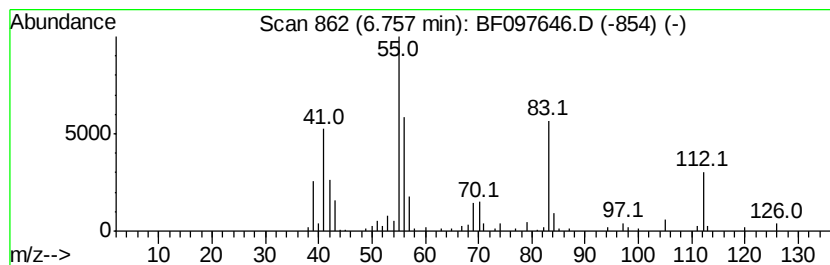
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Ethylcyclopentanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	8.14 ng	391363	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	93
2		2-Octene	112	C8H16	000111-67-1	62
3		Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	58
4		2-Octene, (Z)-	112	C8H16	007642-04-8	58
5		2-Octene, (E)-	112	C8H16	013389-42-9	58



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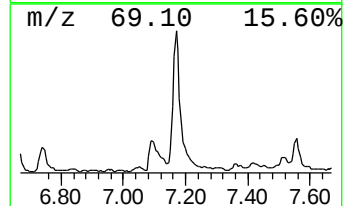
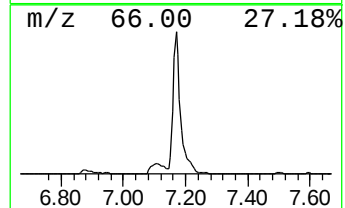
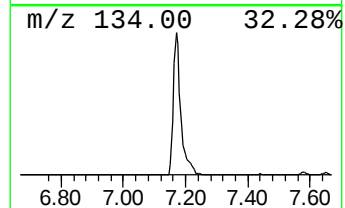
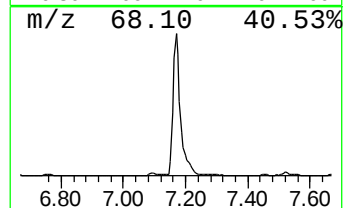
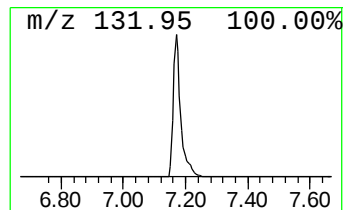
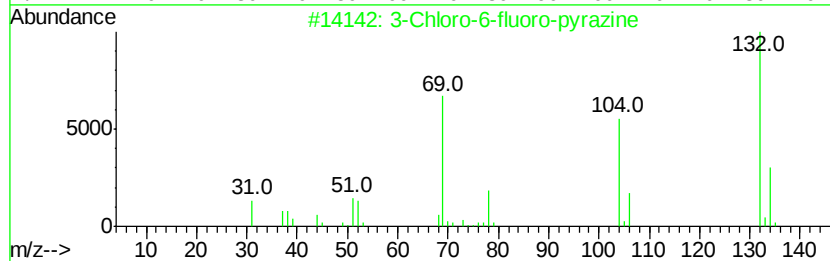
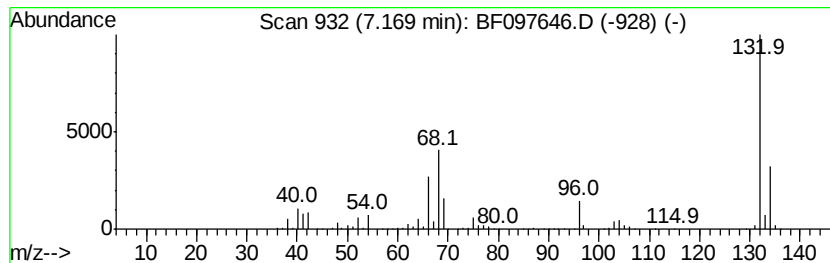
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	55.76 ng	2682240	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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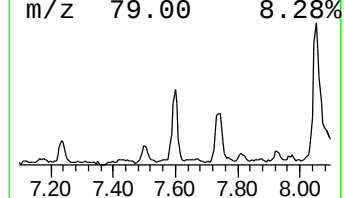
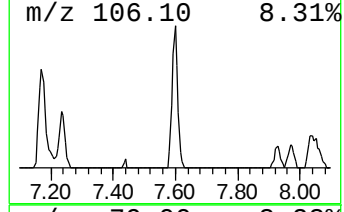
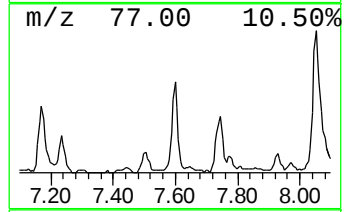
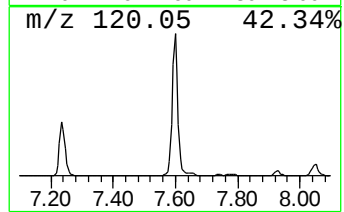
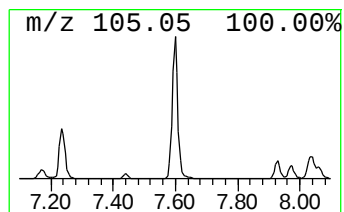
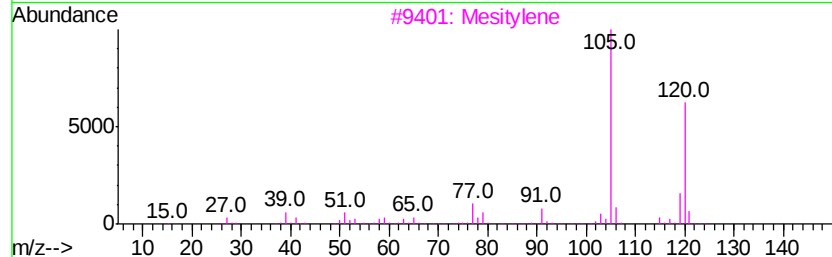
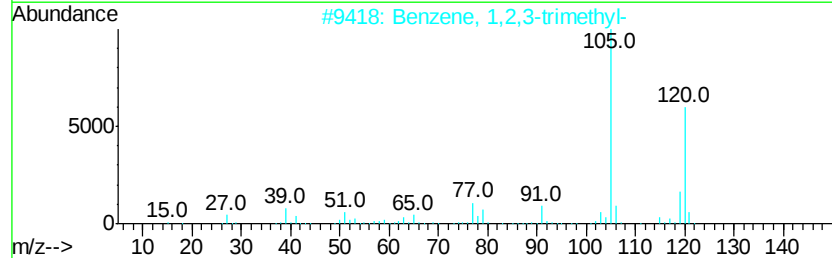
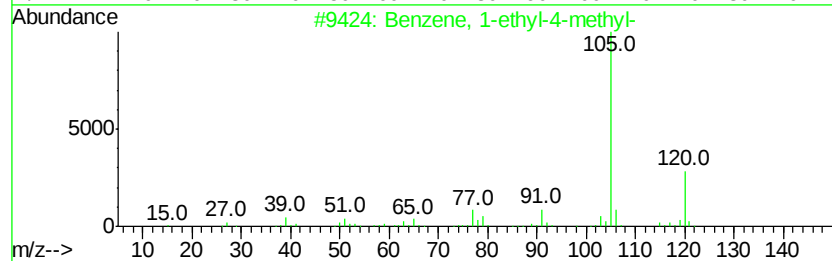
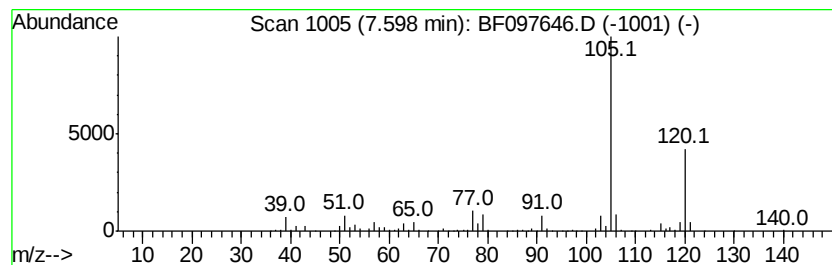
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.82 ng	520322	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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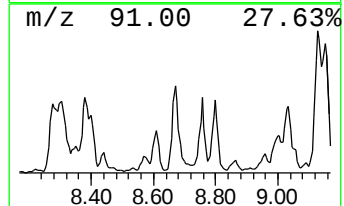
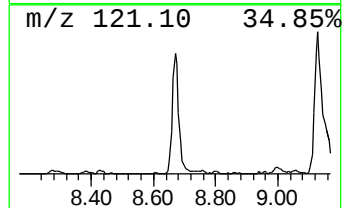
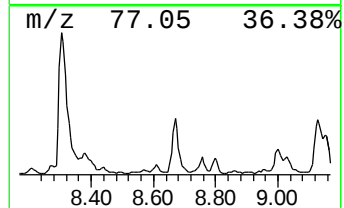
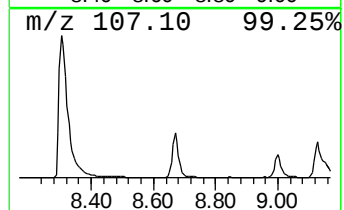
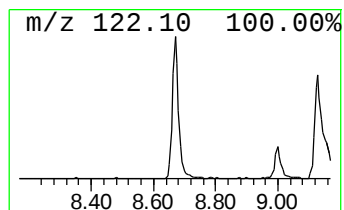
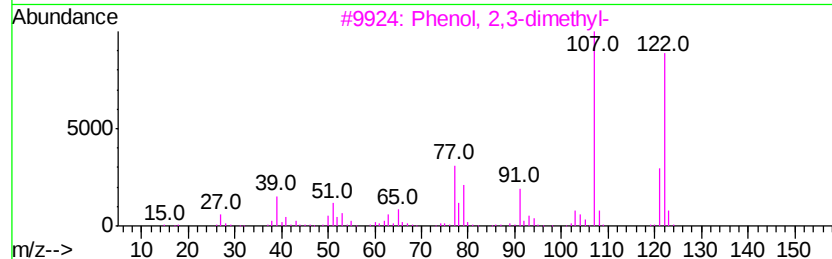
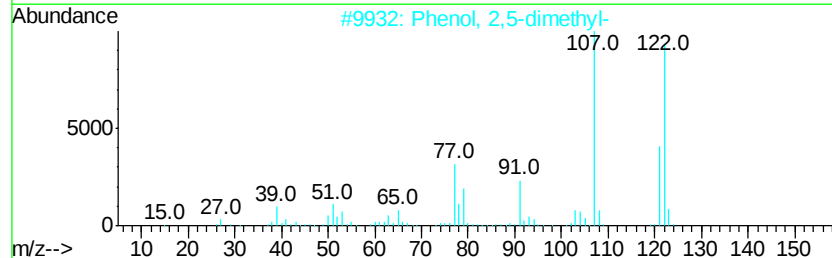
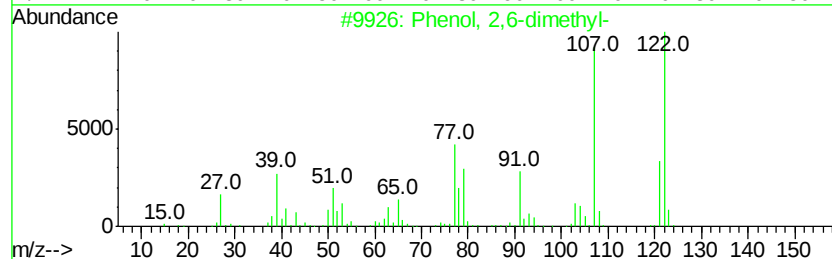
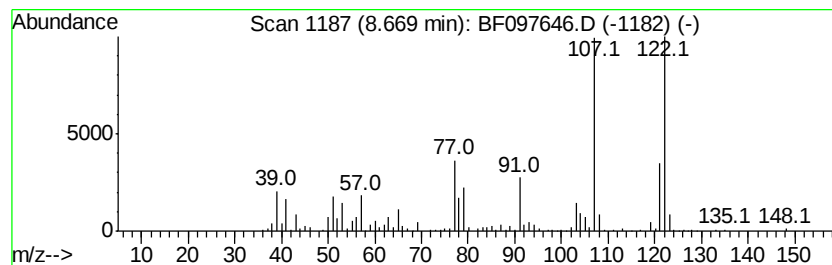
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	7.70 ng	834963	Napthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
3		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
4		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-3-1

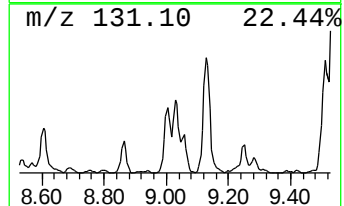
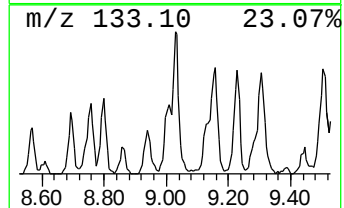
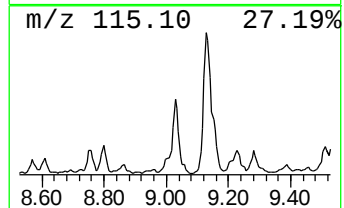
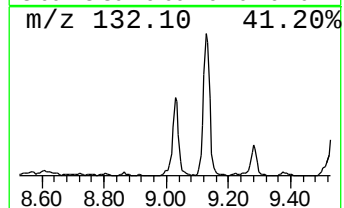
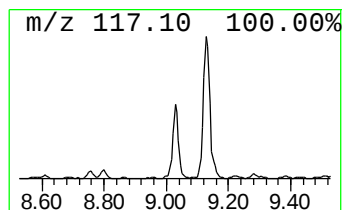
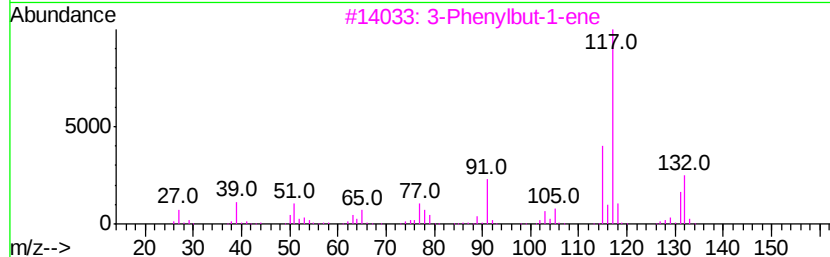
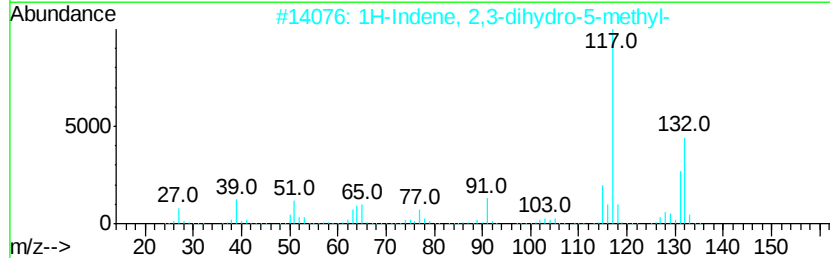
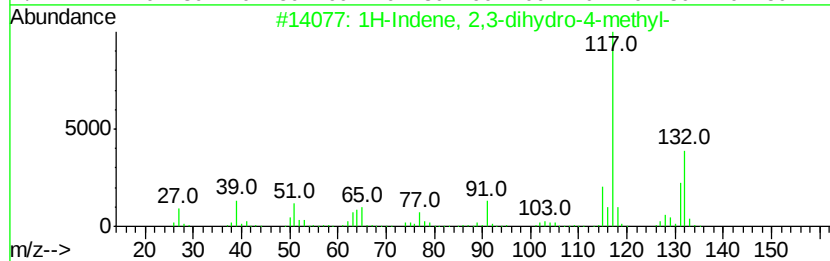
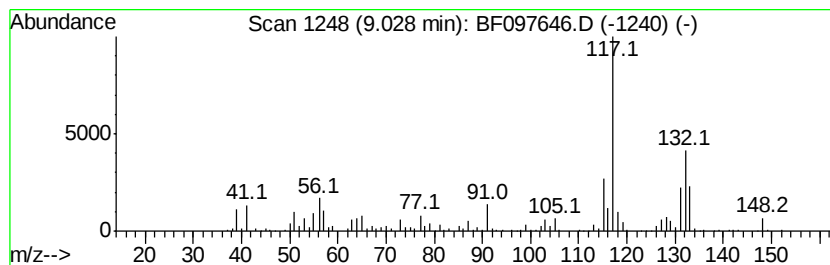
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	13.36 ng	1448770	Napthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
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Misc :
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ClientSampleId :
VE-3-1

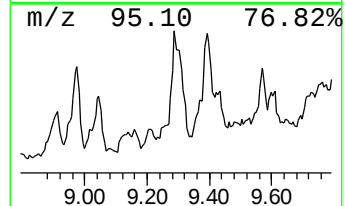
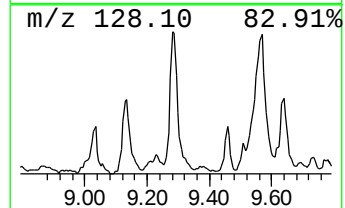
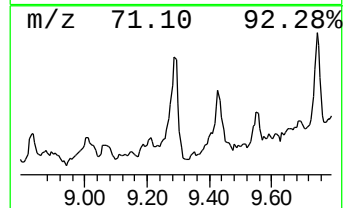
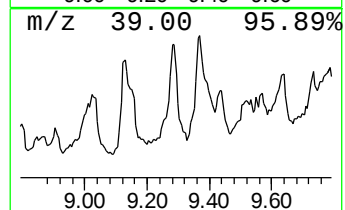
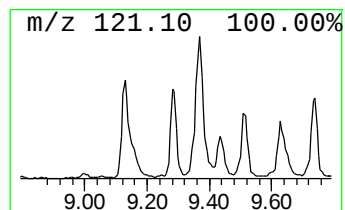
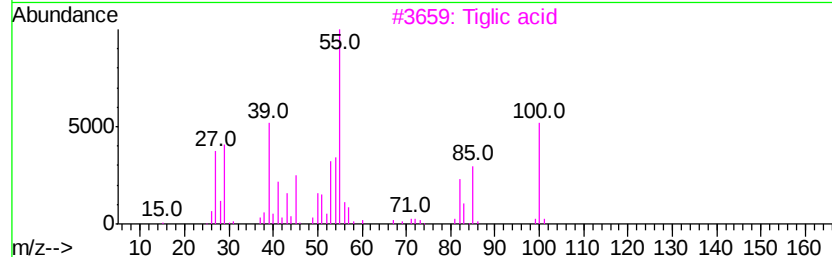
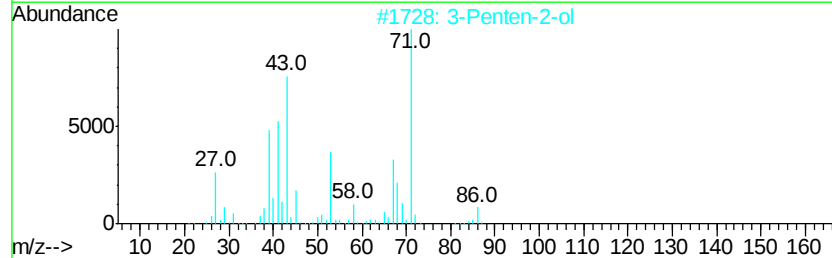
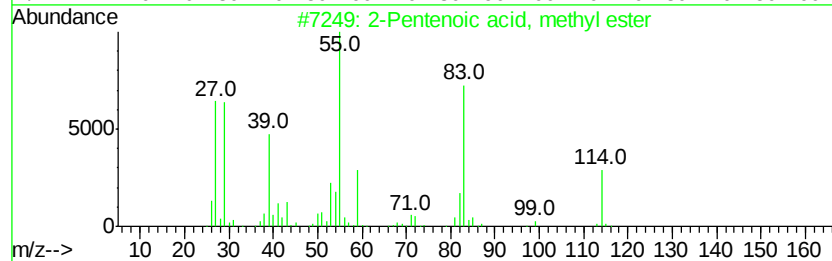
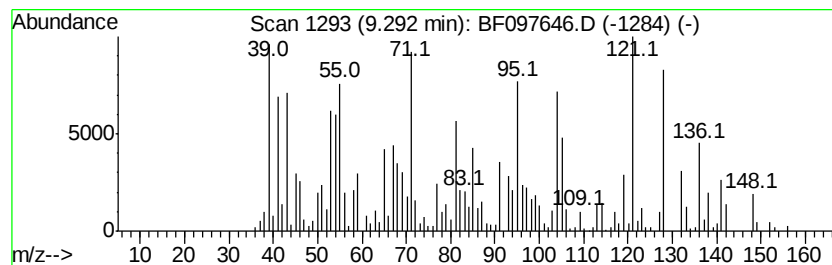
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.29 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.04 ng	1088710	Napthalene-d8	9.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, methyl ester			114	C6H10O2	000818-59-7	38
2	3-Penten-2-ol			86	C5H10O	001569-50-2	38
3	Tiglic acid			100	C5H8O2	000080-59-1	35
4	4-Methyl-3-nitropyridine			138	C6H6N2O2	005832-44-0	32
5	Bicyclo[1.1.0]butane			54	C4H6	000157-33-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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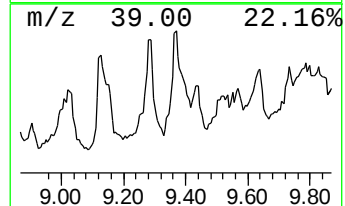
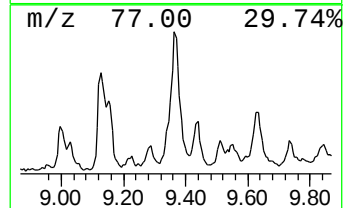
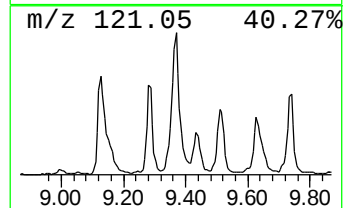
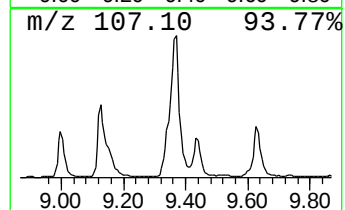
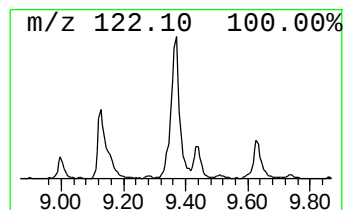
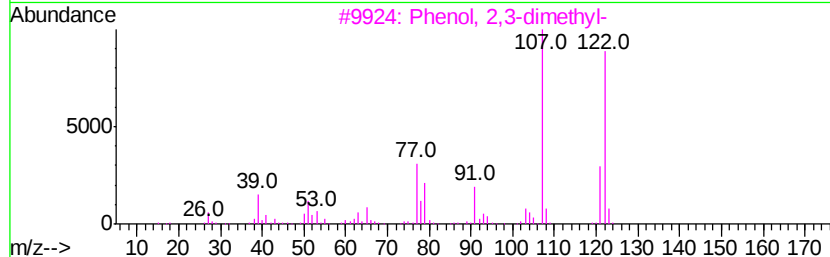
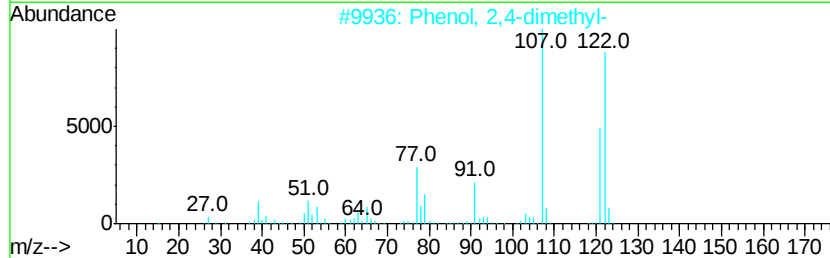
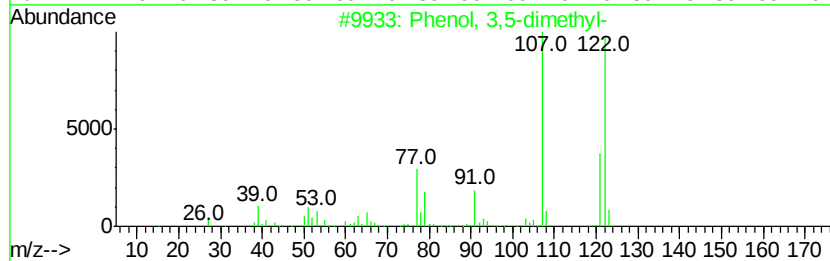
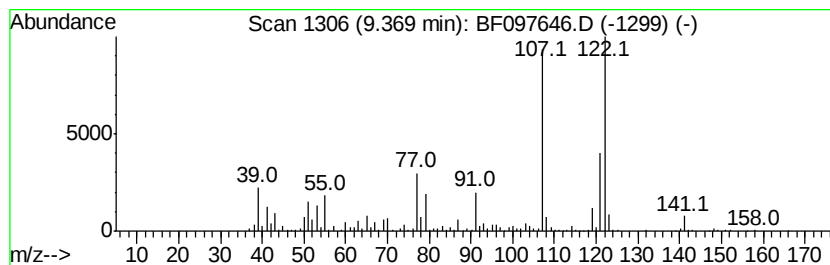
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	16.94 ng	1836690	Napthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
2		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
3		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
4		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
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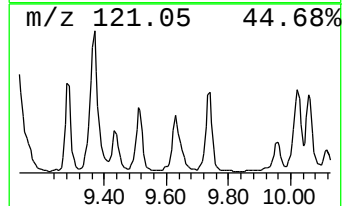
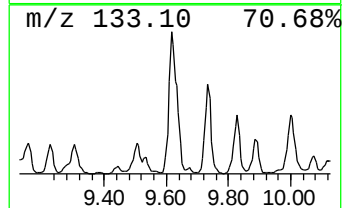
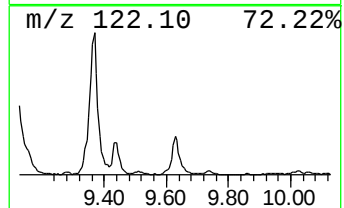
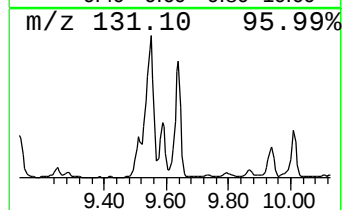
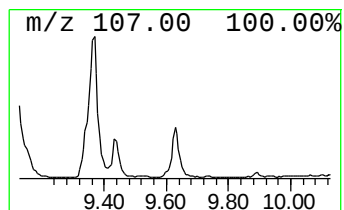
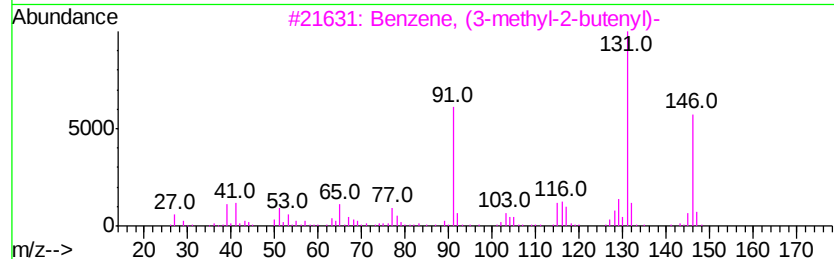
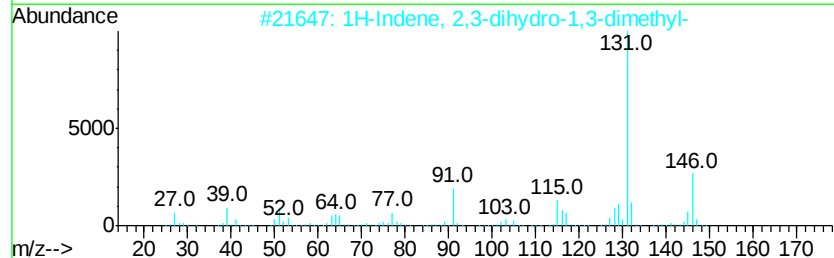
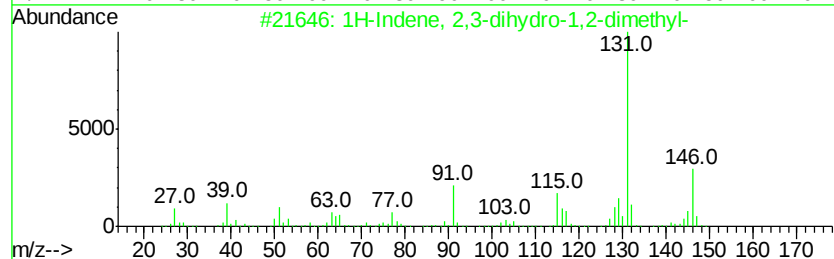
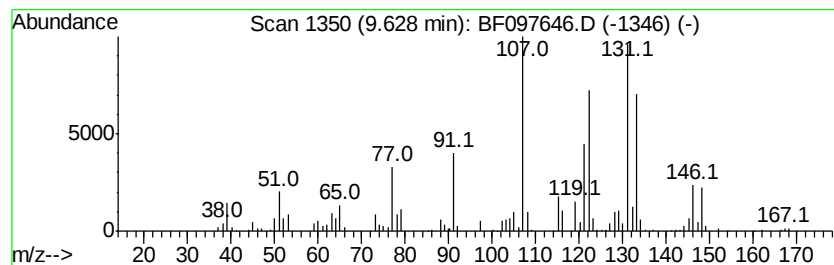
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	8.26 ng	896081	Naphthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
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ClientSampleId :
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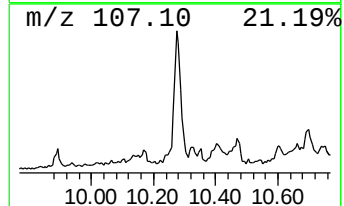
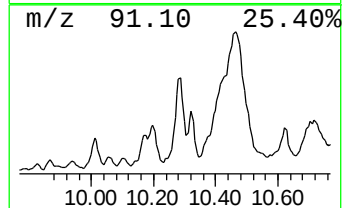
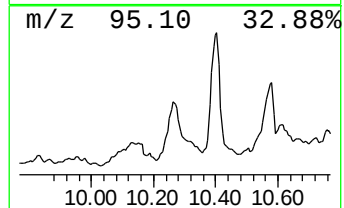
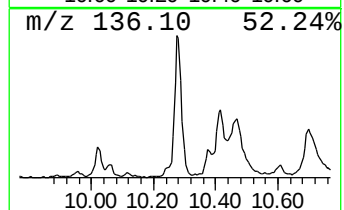
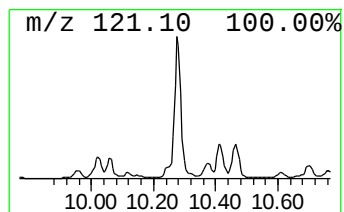
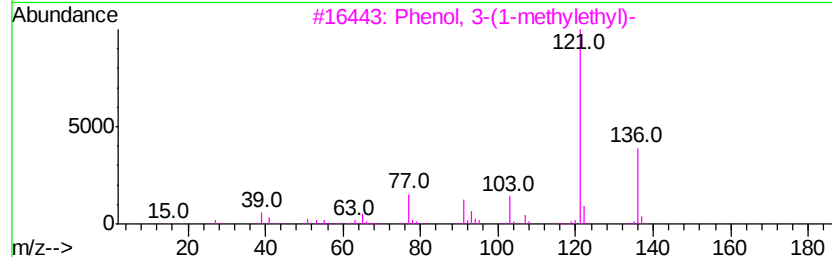
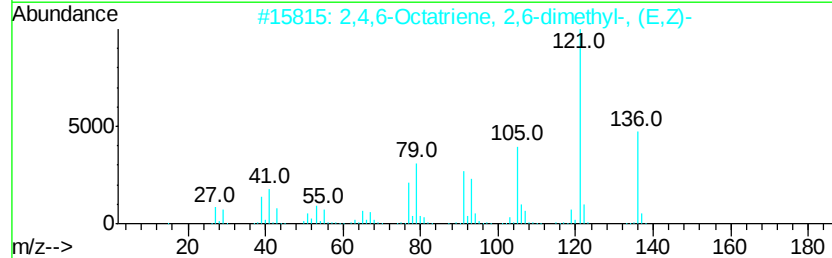
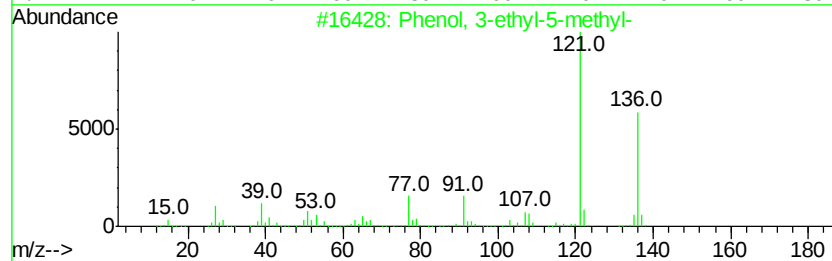
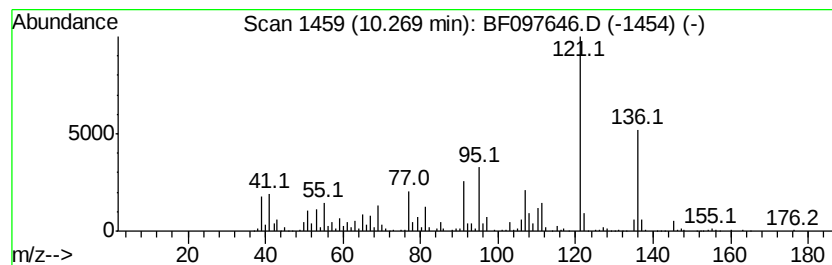
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenol, 3-ethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	13.74 ng	1489630	Napthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2		2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	74
3		Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
4		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	72
5		1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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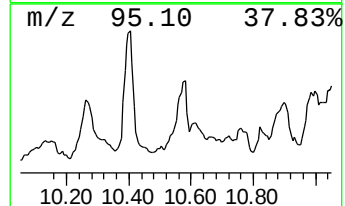
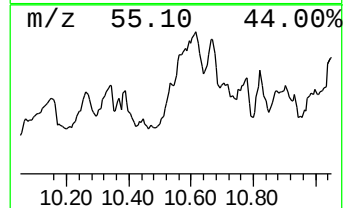
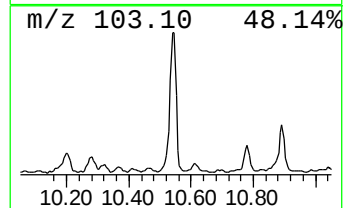
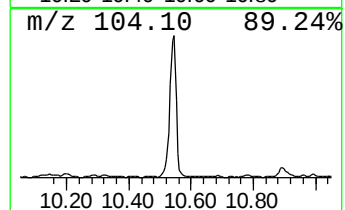
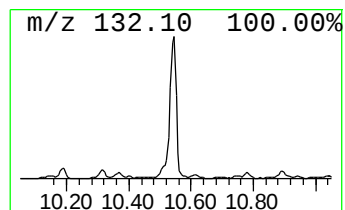
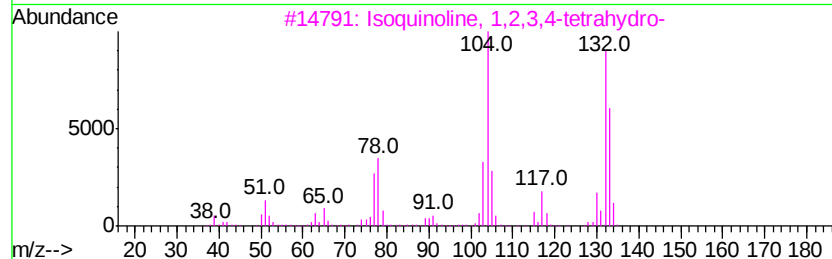
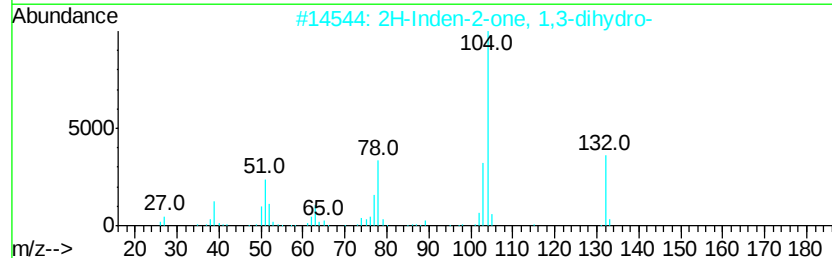
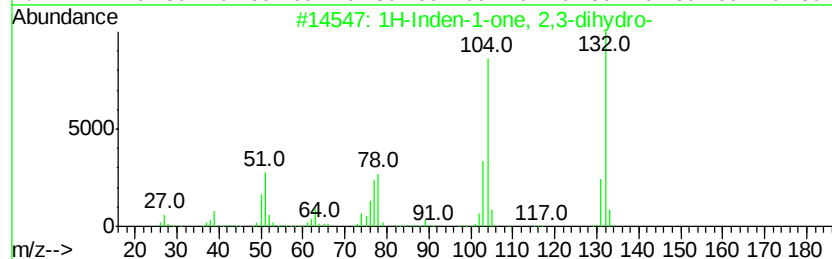
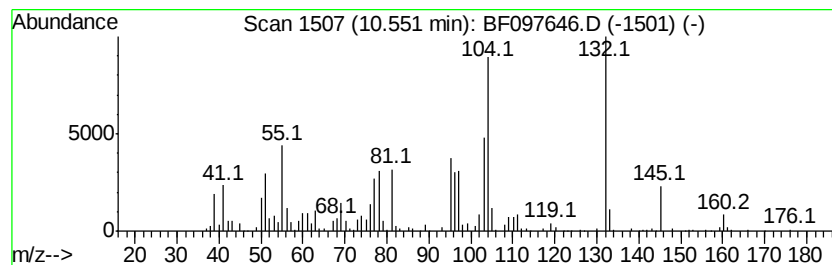
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	13.92 ng	1509420	Naphthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
3		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64
4		Indan, epoxide	132	C9H8O	000768-22-9	58
5		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
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Acq On : 12 Aug 2017 21:27
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Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

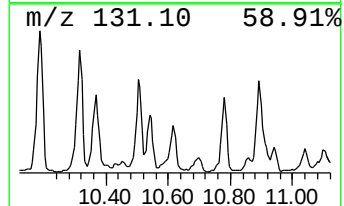
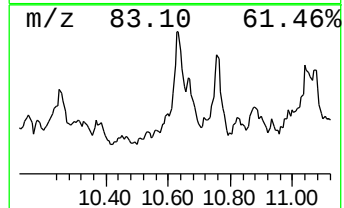
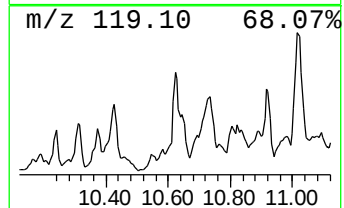
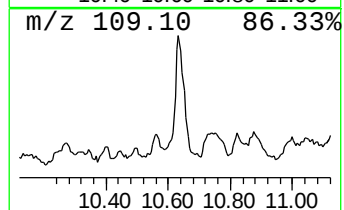
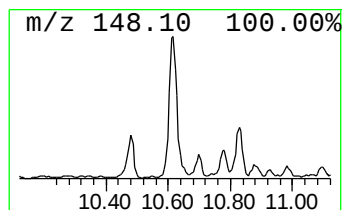
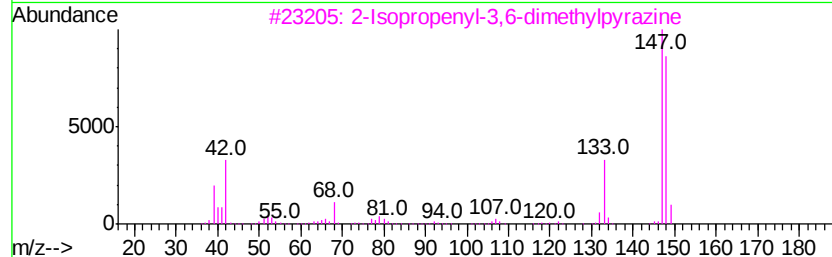
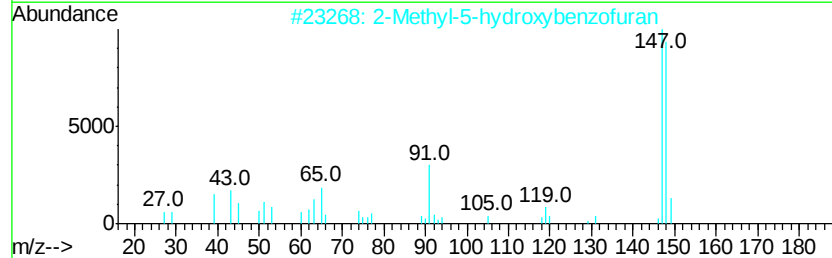
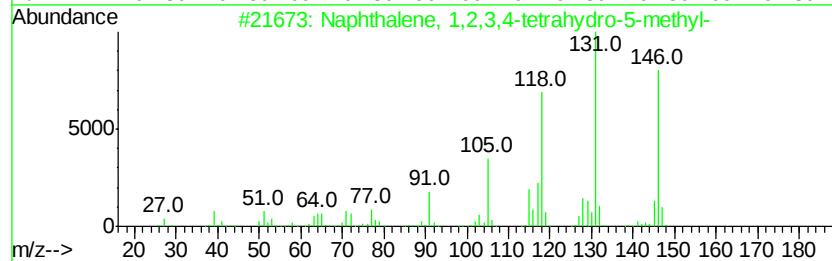
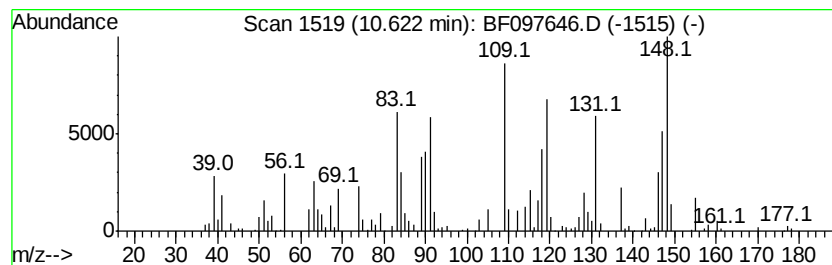
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ClientSampleId :
VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.62	8.93 ng	967796	Naphthalene-d8	9.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	80
2	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	46
3	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	43
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	43
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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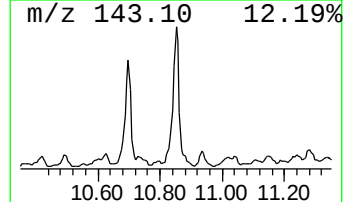
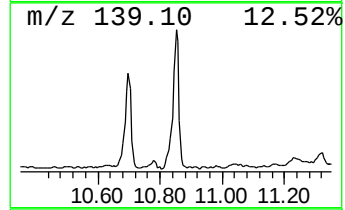
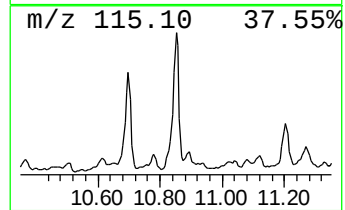
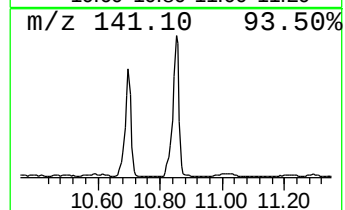
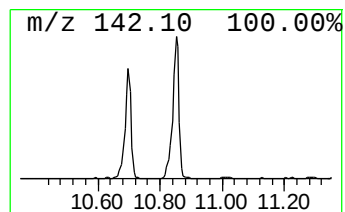
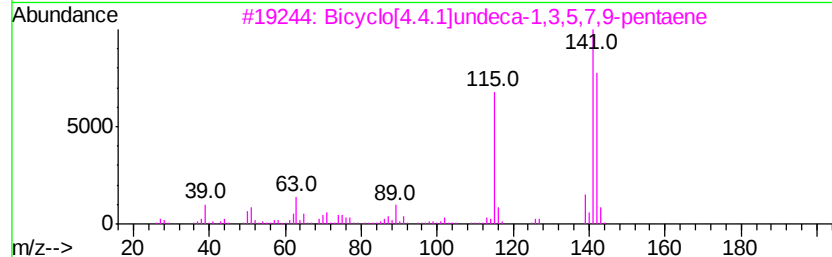
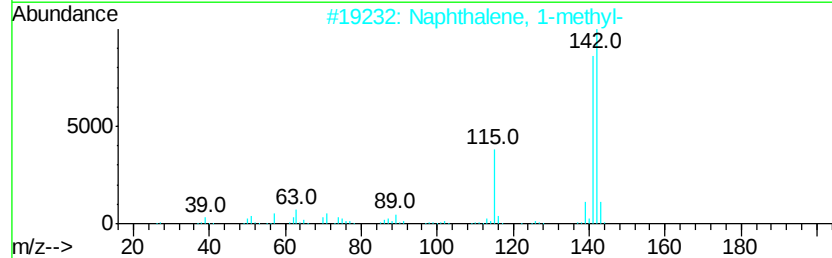
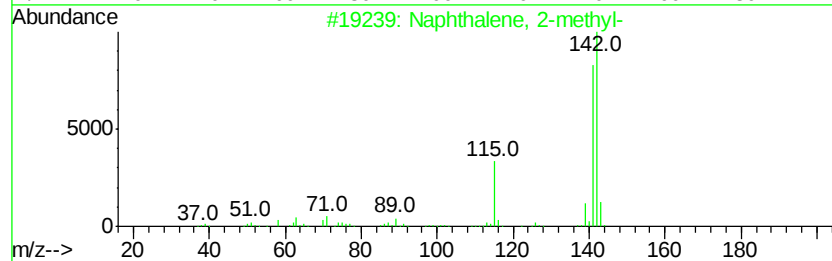
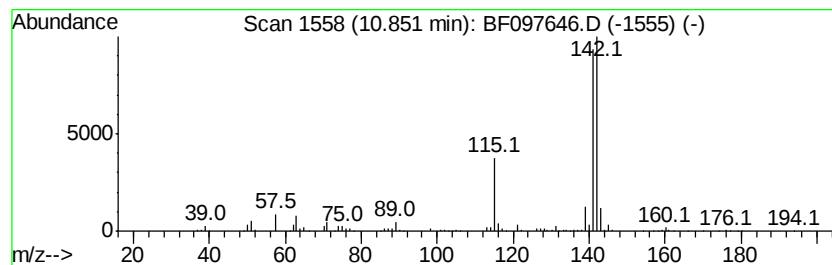
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	14.26 ng	1546170	Naphthalene-d8	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	93
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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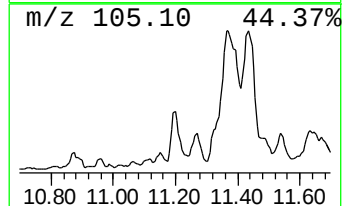
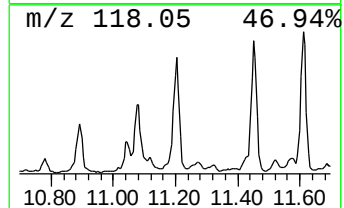
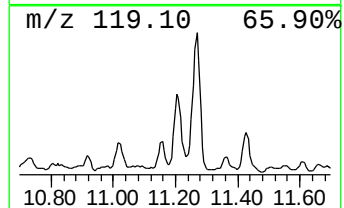
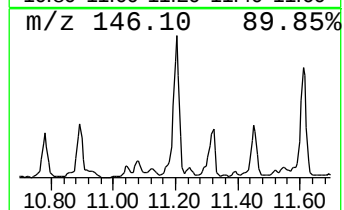
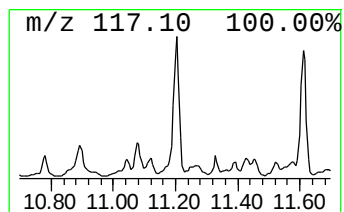
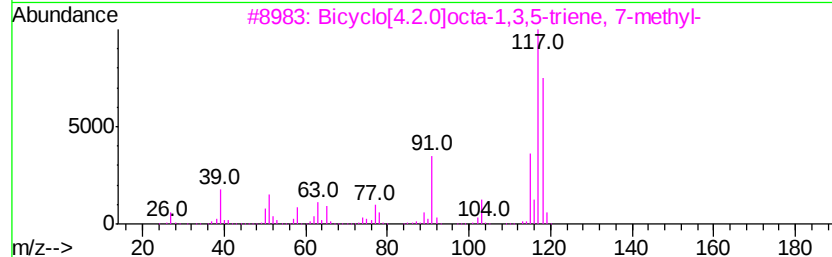
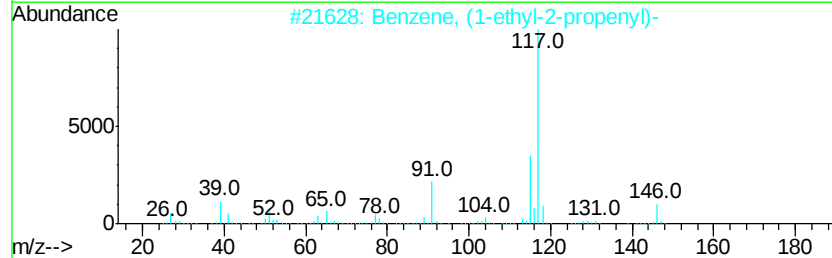
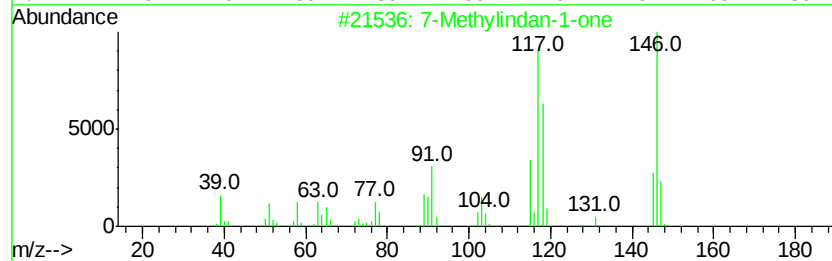
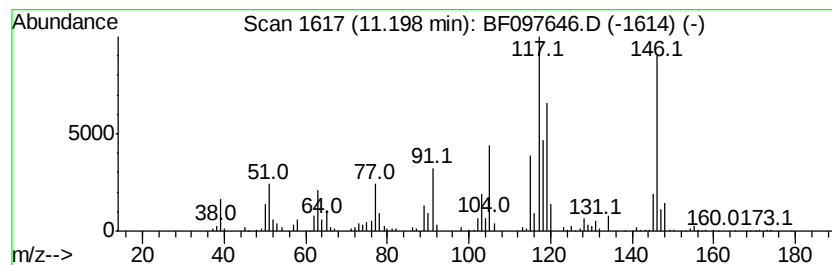
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 7-Methylindan-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	17.00 ng	1412880	Acenaphthene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylindan-1-one	146	C10H10O	039627-61-7	76
2		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	55
4		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	55
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
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 Acq On : 12 Aug 2017 21:27
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 Misc :
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Instrument :
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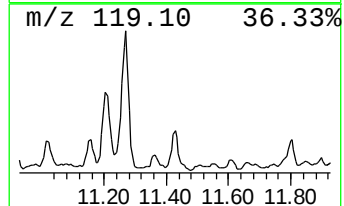
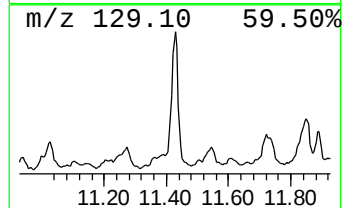
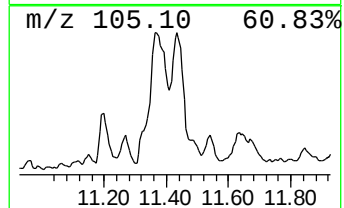
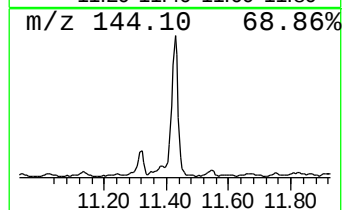
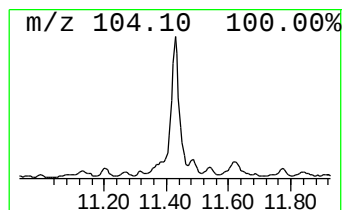
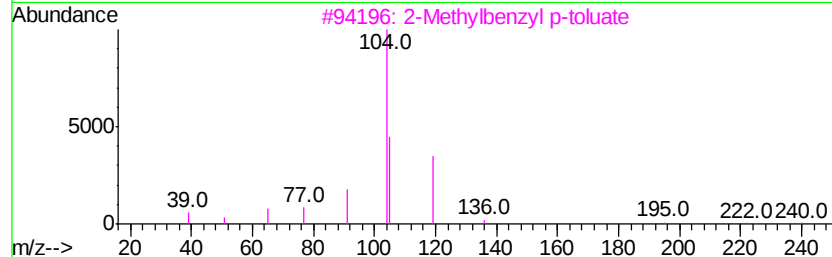
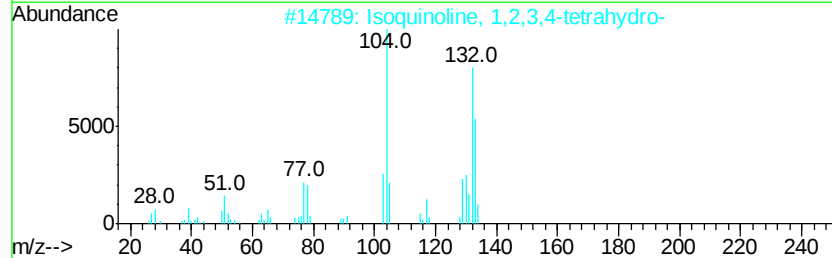
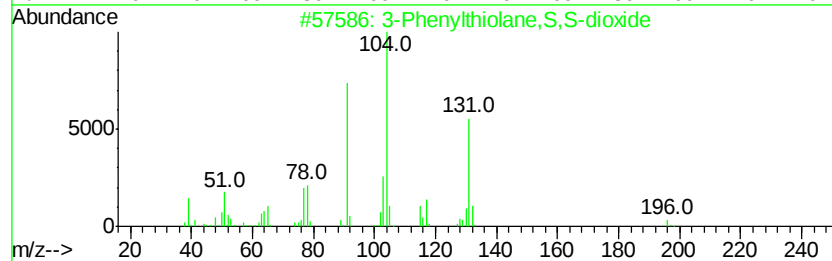
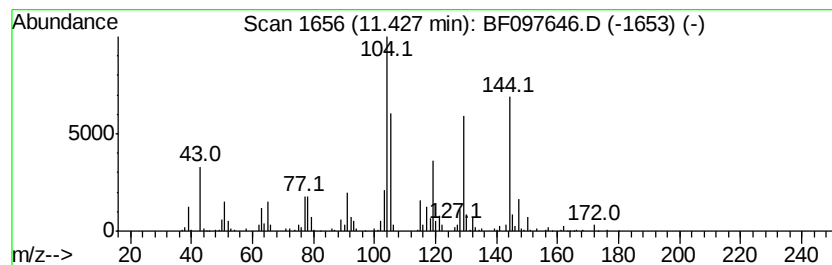
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 unknown11.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	8.71 ng	723497	Acenaphthene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	38
2			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	35
3			2-Methylbenzyl p-toluate	240	C16H16O2	067157-61-3	27
4			3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	27
5			Benzoic acid, 2-phenylethyl ester	226	C15H14O2	000094-47-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
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Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

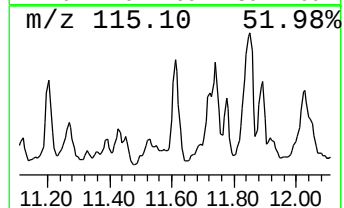
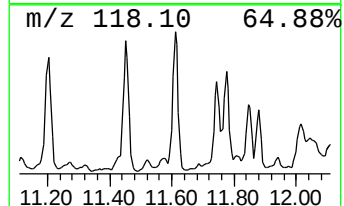
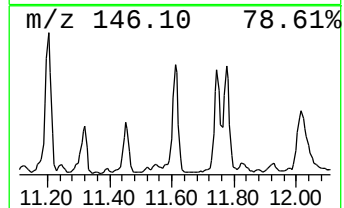
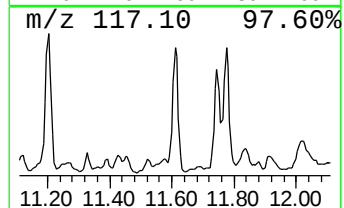
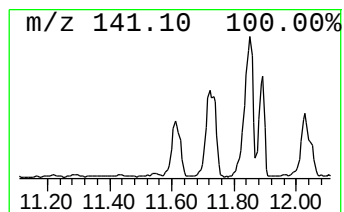
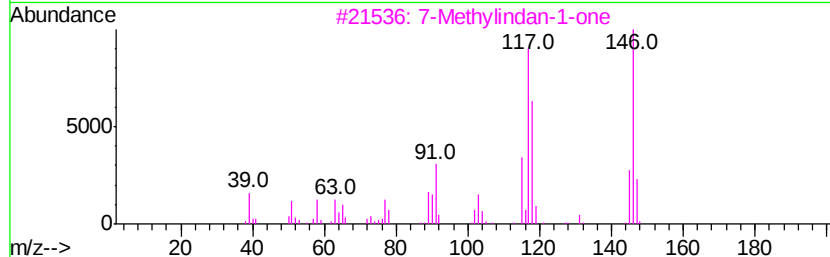
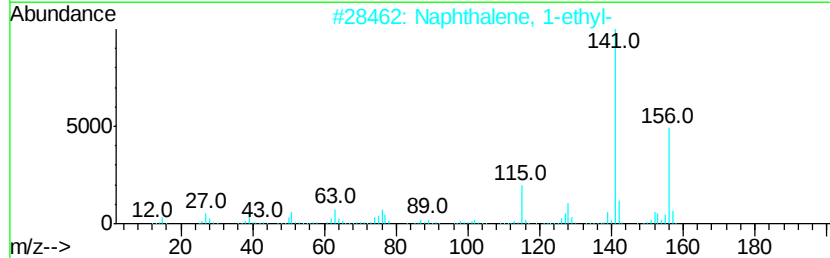
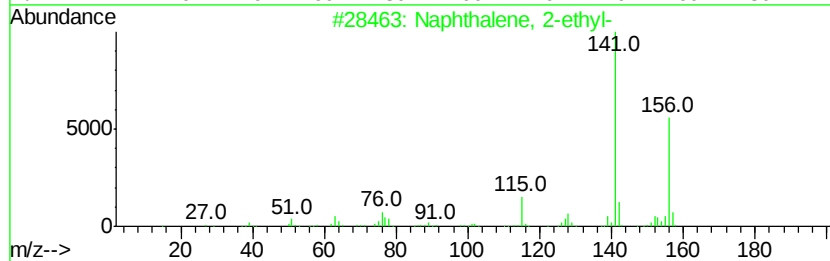
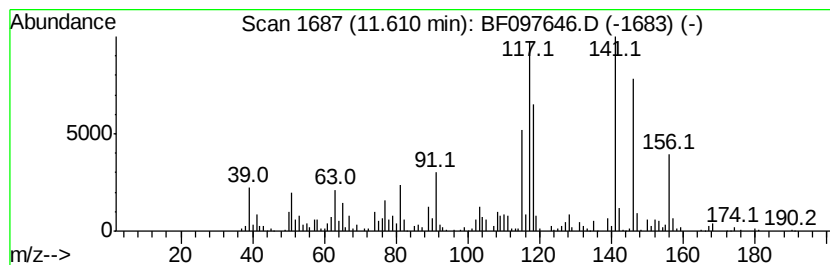
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	22.72 ng	1887740	Acenaphthene-d10	12.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 78
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 78
3		7-Methylindan-1-one	146 C10H10O	039627-61-7 70
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 66
5		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
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ClientSampleId :
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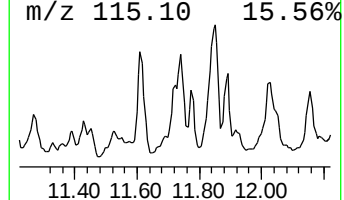
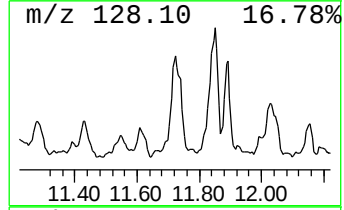
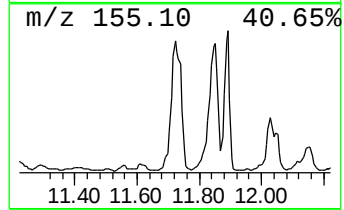
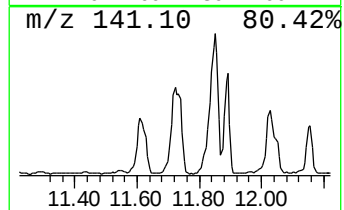
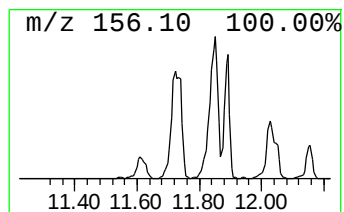
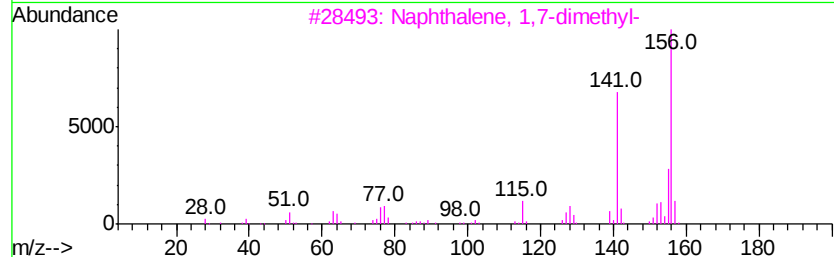
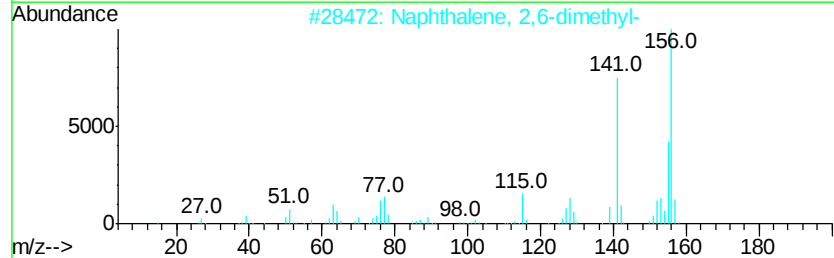
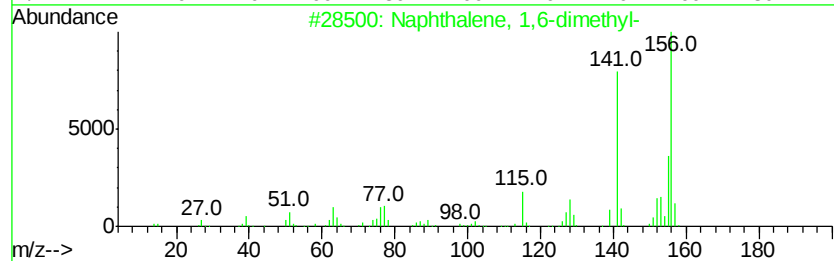
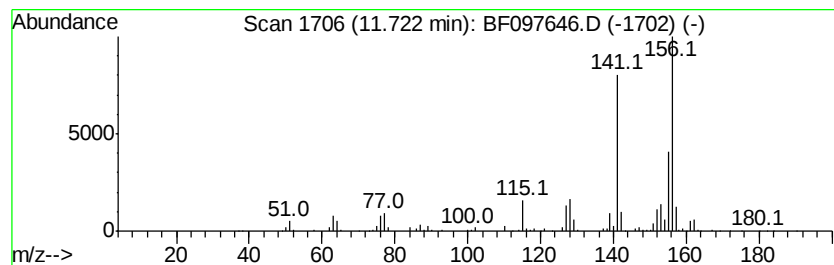
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.69 ng	722005	Acenaphthene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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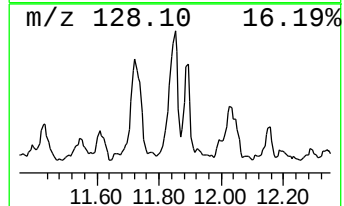
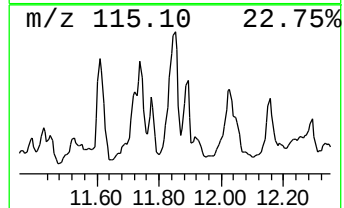
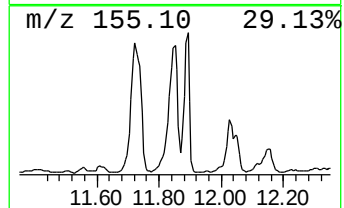
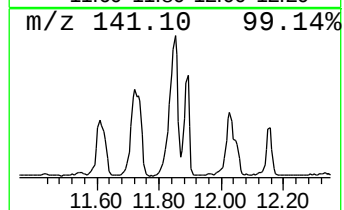
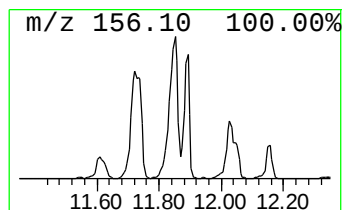
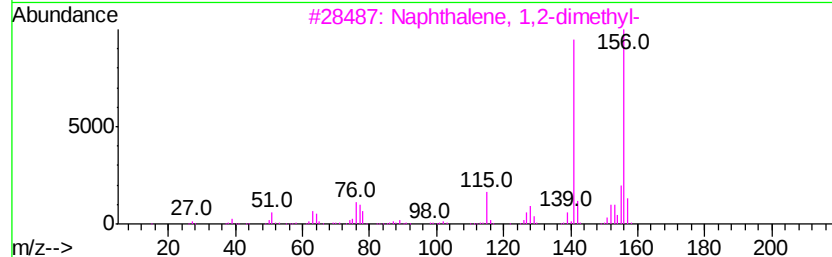
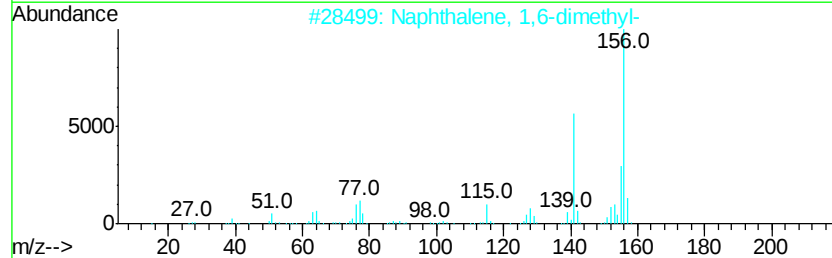
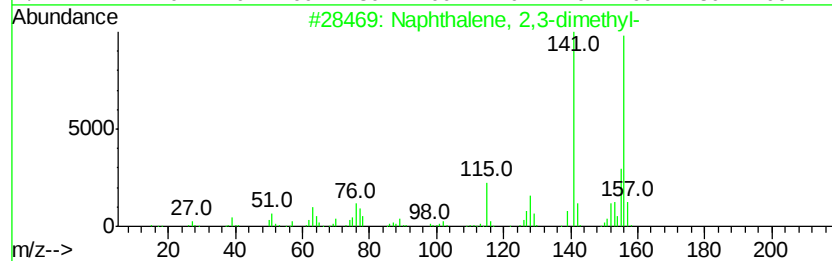
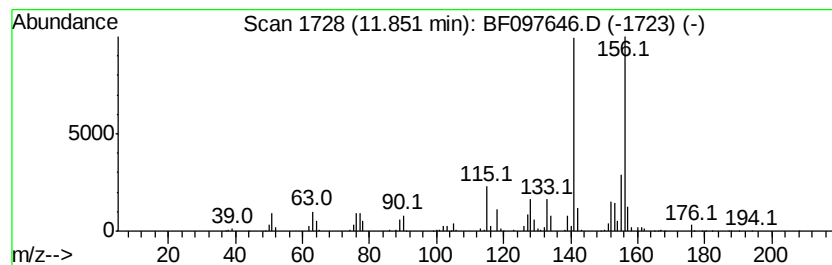
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	24.03 ng	1996310	Acenaphthene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-3-1

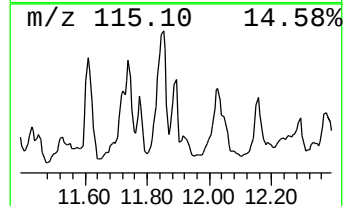
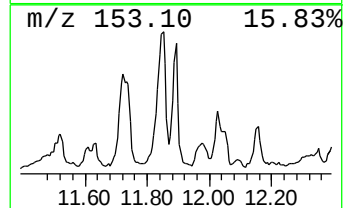
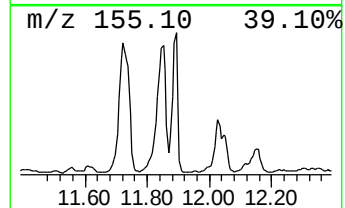
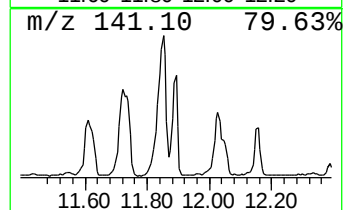
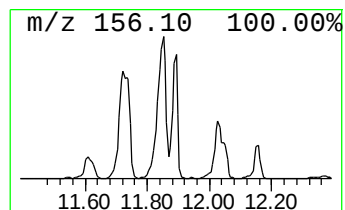
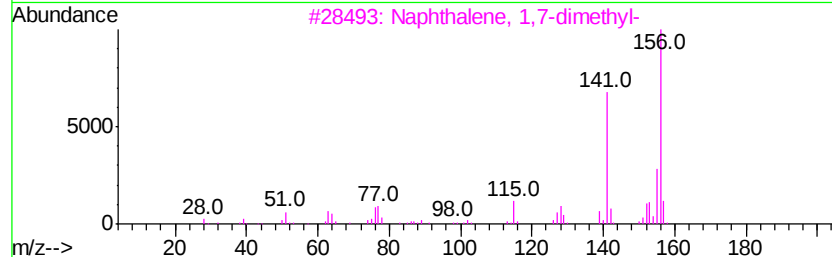
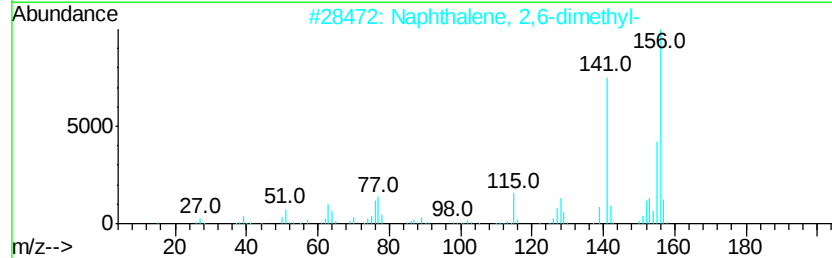
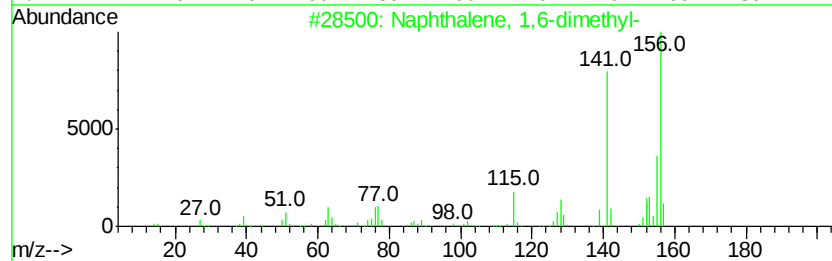
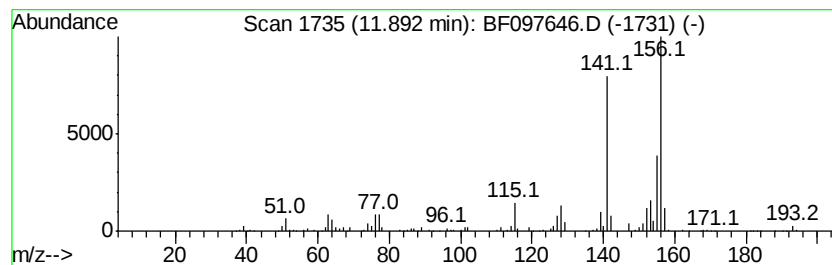
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	23.23 ng	1930240	Acenaphthene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
VE-3-1

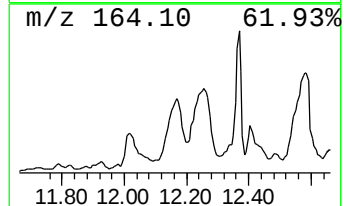
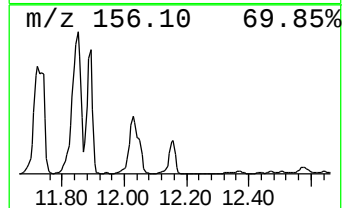
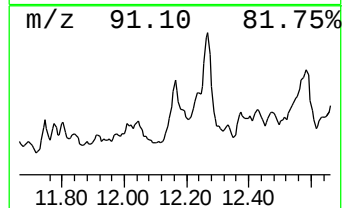
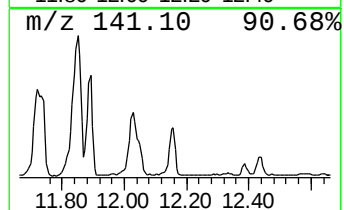
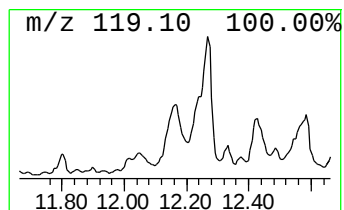
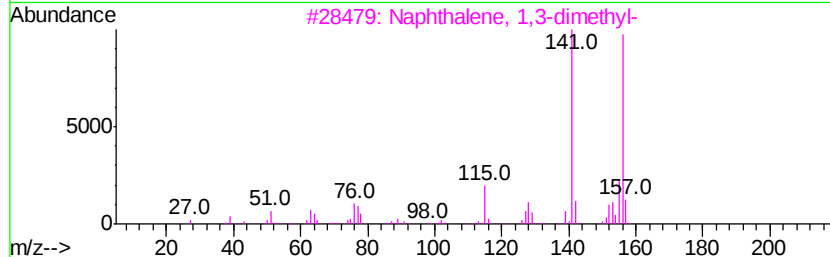
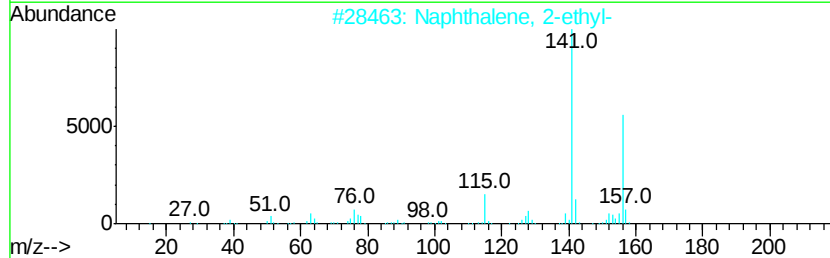
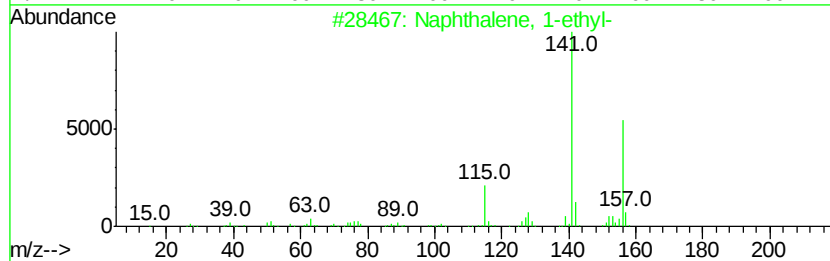
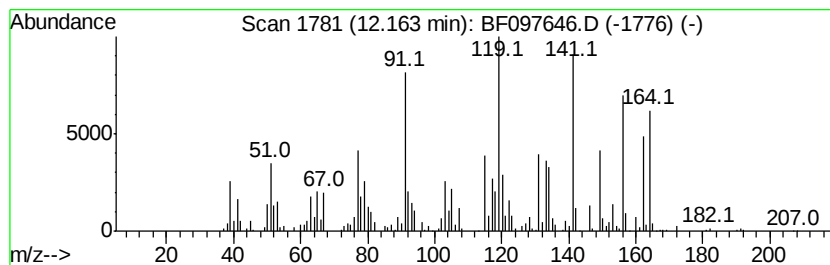
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	20.00 ng	1661820	Acenaphthene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	55
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081217\
 Data File : BF097646.D
 Acq On : 12 Aug 2017 21:27
 Operator : SJ/JU
 Sample : I4631-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Ethylcyclopenta...	6.76	8.1 ng		391363	1	7.50	962130	20.0
unknown7.17	7.17	55.8 ng		2682240	1	7.50	962130	20.0
Benzene, 1-ethyl-...	7.60	10.8 ng		520322	1	7.50	962130	20.0
Phenol, 2,6-dimet...	8.67	7.7 ng		834963	2	9.53	2168440	20.0
1H-Indene, 2,3-di...	9.03	13.4 ng		1448770	2	9.53	2168440	20.0
unknown9.29	9.29	10.0 ng		1088710	2	9.53	2168440	20.0
Phenol, 3,5-dimet...	9.37	16.9 ng		1836690	2	9.53	2168440	20.0
1H-Indene, 2,3-di...	9.63	8.3 ng		896081	2	9.53	2168440	20.0
Phenol, 3-ethyl-5...	10.27	13.7 ng		1489630	2	9.53	2168440	20.0
1H-Inden-1-one, 2...	10.55	13.9 ng		1509420	2	9.53	2168440	20.0
Naphthalene, 1,2,...	10.62	8.9 ng		967796	2	9.53	2168440	20.0
Naphthalene, 1-me...	10.85	14.3 ng		1546170	2	9.53	2168440	20.0
7-Methylindan-1-one	11.20	17.0 ng		1412880	3	12.37	1661820	20.0
unknown11.43	11.43	8.7 ng		723497	3	12.37	1661820	20.0
Naphthalene, 2-et...	11.61	22.7 ng		1887740	3	12.37	1661820	20.0
Naphthalene, 1,6-...	11.72	8.7 ng		722005	3	12.37	1661820	20.0
Naphthalene, 2,3-...	11.85	24.0 ng		1996310	3	12.37	1661820	20.0
Naphthalene, 1,7-...	11.89	23.2 ng		1930240	3	12.37	1661820	20.0
Naphthalene, 1-et...	12.16	20.0 ng		1661820	3	12.37	1661820	20.0